# **Example for Auto Body Shops and Car Dealers**

During calendar year 2010, D-Best Auto Body Shop operated a permitted spray booth and used 25 gallons of waterborne polyurethane color coat, 25 gallons of water-borne high gloss polyurethane clear coat, and 25 gallons of waterborne primer surfacer, and 75 gallons of low-VOC cleanup solvent. In addition, the spray booth has a heater, for which natural gas bills indicate the use of 2,500 therms over the year. A single waste manifest indicated 150 pounds of waste solvent picked up by a waste hauler.

MSDS or other technical information identifies the VOC contents of the coatings and cleanup materials to be as follows:

Waterborne Color Coat:
Waterborne Clear Coat:
Primer Surfacer:
Low VOC Cleanup Solvent:
2.0 lb VOC/gal of material
0.85 lb VOC/gal of material
0.21 lb VOC/gal of material

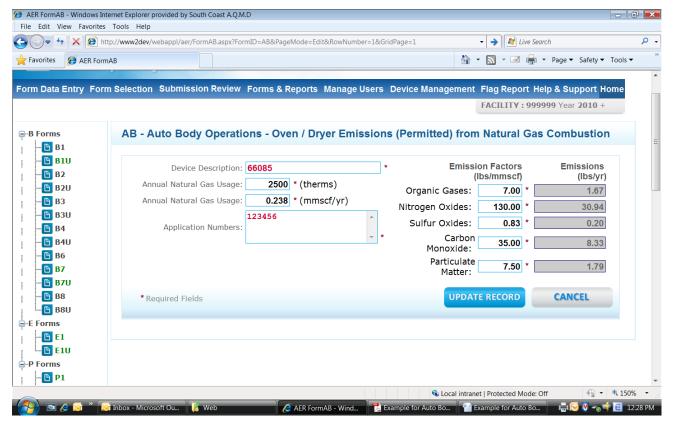
During the year, the company had three (3) waste shipments picked up by a local waste recycler. The shipments contained the following:

 Waste clean-up solvents from spray gun cleaning Manifest No. 9999991: 150 pounds

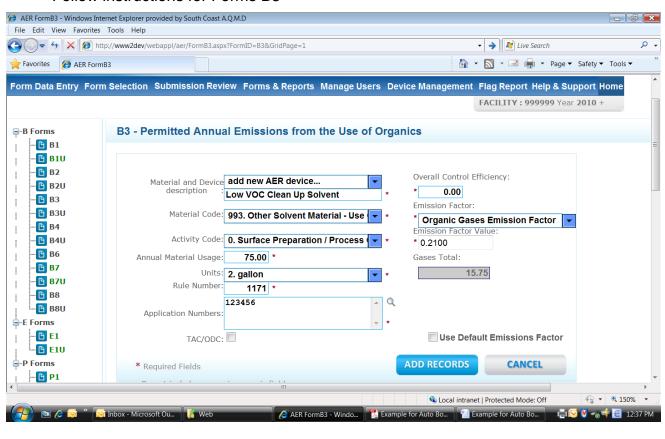
### First Go to Form Selection:

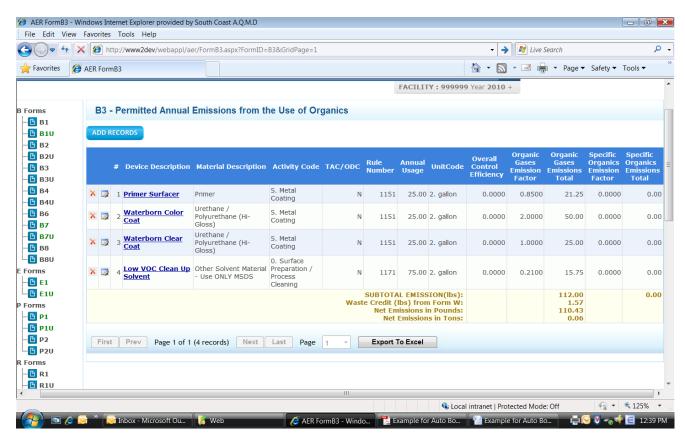
1. Select Form AB:

Follow instructions for Form AB



# Select Form B3 Follow instructions for Forms B3

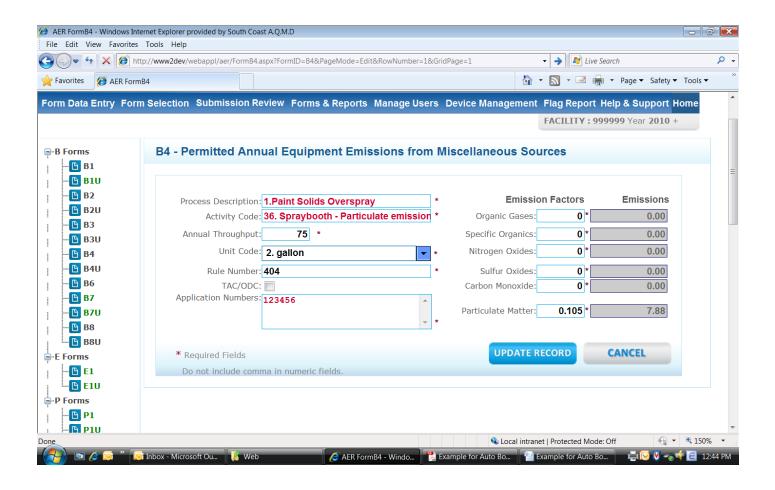




### 3. Select Form B4:

- The total number of gallons of coatings are added up to be 75 gallons
- The particulate emission factor is a default value of 0.105 lb PM/gal of coating sprayed

Follow instructions for Form B4



### 4. Select Form W

Form W: Waste Credit, follow instructions below

## **Credits for Waste Liquid Organic Materials**

Steps to follow on FORM W: [Use one (1) entry sheet for each waste shipment]

### 1. Data Field 1: Manifest Document Number

Enter the manifest numbers. 9999991 in field 1

# 2. Data Field 2: Material Description

Enter the description of waste shipment as waste cleaning material in field 2.

# 3. Data Field 3: Liquid Material [decimal fraction]

- Enter 0.7 for 70% in decimal fraction for waste clean-up solvents in field 3. [70% is the default value (by volume) for waste shipments containing clean-up solvents from an auto body shop. If claiming more than 70 percent solvent (by volume), you must provide a certified lab analysis for each waste shipment].
- Note: The default percent solvent (70%) does not apply to waste shipments containing mostly paint waste and still bottom solids (greater than 15% solid by weight).

# 4. Data Field 4: Quantity

- The weight must be converted to gallons. In order to convert pounds of waste to gallons of waste divide the weight by 7.0 lb/gal (a default density)
- 150 lb/7.0 lb/bal = 21.43 gal
- Enter 21.43 in field 4

### 5. Data Field 5: Units

Select gallons from the drop-down

### 6. Data Field 6: Emission Factor

Enter 0.21 as the VOC content of the liquid portion of the waste in field 6

# 7. Data Field 7: Lab Analyzed

- In this case there is no lab analysis. Do not check the box.
- If there is an ELAP certified analysis check the box

### 8. Emission Credit (lbs)

• The emission credit is calculated for you as 1.57 lb.

# This will be transferred to Form B3

